

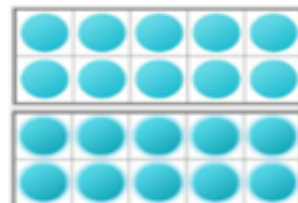
## KIRF: I know the doubles and halves of numbers

## What can this look like?

## Concrete



## Pictorial



## Abstract

**Double** 10 is 20

**Half of** 20 is 10.

## Key Vocabulary

Double- adding a number twice e.g.  $6 + 6$

or multiplying the number by 2 e.g.  $6 \times 2$ .

Half- splitting a number into 2, dividing by 2 e.g. 1- divided by 2 is 5. (Please note that children will not know what division is yet, they will be simply splitting the number into two groups.)

## Key Questions to ask at home

What is double 9?

What is half of 4?

How can we find half of 8?

Explain how we can double 5.

## Activities to Try

**Doubling butterfly-** Draw an outline of a ladybird, paint spots on one side; fold it over to show double that number. Write the calculation to go with it.

**Doubles bingo-** Choose 5 numbers between 1-20. Ask questions such as, what is double 6 or what is half of 18. Keep going until all numbers have been crossed off!

**Double or nothing-** Create a 6 x 6 grid with a numbers 1-24. Working in a pair, roll 2 dice, double the number and cover the number with a counter/object. The first to get 4 in a row wins!

Websites:

<https://www.ictgames.com/mobilePage/archeryDoubles/index.html>

<https://www.topmarks.co.uk/maths-games/hit-the-button>